ResSim 3.1.RC4 Install Notes

Release Date: 5/16/2016
Release Type: Scheduled
ResSim Adapter Version: 27665
ResSim Application Version: 3.1.RC4
CHPS Build: 5.3.1
Build and Package Date: 11/5/2012
Tested against FEWS Binary: 2015.02 build 60945, patched from 59855

Introduction

This document describes the procedure for installing the initial CHPS version of the HEC ResSim application along with its FEWS adapter at all RFCs. This edition is now the "official" version of ResSim distributed with CHPS; all previous versions are considered experimental and will not be supported by CHPS Support Group (part of the Field Support and Infrastructure team in the Office of Central Processing) or NWC. It is assumed that the latest FEWS release has been installed already. Please verify that the procedures described in each section have been completed before proceeding to the next section. If you have any questions during the install, please contact the CHPS Support Group (part of the Field Support and Infrastructure team in the Office of Central Processing).

Any commands to be typed in will be displayed in a fixed width typeface like this:
```
$ ls –l /awips/chps_share/
```

Assumptions

It is assumed that the RFC is at FEWS 2015.02 build 60945, patched from 59855.

New Elements

N/A

Install Instructions

1. *Extract the ResSim_3.1.RC4 package*
    1. Log in to CHPS1 as user fews. Navigate to the CHPS-5.2.1 directory.
        ```
        $ cd /awips/chps_share/install/May2016/CHPS-5.3.1/
        ```
    2. Extract the package.
        ```
        $ tar –zxvf ressim.3.1.rc4_27665.20121105.tar.gz
        ```
    3. Navigate to the ressim directory.
        ```
        $ cd ressim.3.1.rc4_27665/hec/ressim
        ```

4. Check the ResSim adapter version. Stop and contact HSD if information differs.

```
$ cat /bin/VER*
```

The following information should be displayed:

```
Sources-Version: 27665
September 24 2010, 12:09 PM
```

5. Check the ResSim application version. Stop and contact HSD if information differs.

```
$ cat /application/VER*
```

The following information should be displayed:

```
fullVersion = 3.1.8.40R
shortVersion = 3.1_RC4
versionDate = February 2012
Implementation-Version: February 14 2012
```

2. *Initial installation of the HEC ResSim application and ResSim FEWS adapter software in the /awips/chps_share/ area for use with a Standalone (SA) or Operator Client (OC).*

   To install the ResSim software in the /awips/chps_share/ area do the following:

   a. Navigate to the directory where your HEC software resides.

   ```
   $ cd /awips/chps_share/hec/
   ```

   There should be no ResSim software or ressim directory at this location. You may have a hecras directory located here and that is fine. Note: This distribution is the first "official" CHPS version of ResSim and no previous versions will be supported by CHPS Support Group (part of the Field Support and Infrastructure team in the Office of Central Processing) or NWC. If there is currently a ressim directory under this location then please do one of two things.

      1. If you would like to preserve your previous version, save it off to another location at this time.
      2. Remove your previous version of ResSim by deleting the ressim directory.

   b. Copy the ResSim directory from the install directory to your /awips/chps_share/ area.

   ```
   $ cp –dR /awips/chps_share/install/May2016/CHPS-
   5.3.1/ressim.3.1.rc4_27665/hec/ressim .
   ```

   c. Confirm that the software got copied to the correct location by checking the Version files for the ResSim adapter and application. The following information should be displayed:

   ```
   $ cat /awips/chps_share/hec/ressim/bin/VER*
   Sources-Version: 27665
   September 24 2010, 12:09 PM
   $ cat /awips/chps_share/hec/ressim/application/VER*
   fullVersion = 3.1.8.40R
   shortVersion = 3.1_RC4
   versionDate = February 2012
   Implementation-Version: February 14 2012
   ```

3. *Initial installation of the HEC ResSim application and ResSim FEWS adapter software in the /awips/chps_local/ area for use with the FSS.*

   To install the ResSim software in the /awips/chps_local/ area do the following:

   a. On your FSS machine (chps3) navigate to the directory where your HEC software resides.

   ```
   $ cd /awips/chps_local/hec/
   ```

There should be no ResSim software or ressim directory at this location. You may have a hecras directory located here and that is fine. Note: This distribution is the first "official" CHPS version of ResSim and no previous versions will be supported by CHPS Support Group (part of the Field Support and Infrastructure team in the Office of Central Processing) or NWC. If there is currently a ressim directory under this location then please do one of two things.

1. If you would like to preserve your previous version, save it off to another location at this time.
2. Remove your previous version of ResSim by deleting the ressim directory.

b. Copy the ResSim directory from the install directory to your /awips/chps_local/ area.
```
$ cp –dR /awips/chps_share/install/May2016/CHPS-
5.3.1/ressim.3.1.rc4_27665/hec/ressim .
```

c. Confirm that the software got copied to the correct location by checking the Version files for the ResSim adapter and application. The following information should be displayed:
```
$ cat /awips/chps_local/hec/ressim/bin/VER*
Sources-Version: 27665
September 24 2010, 12:09 PM
$ cat /awips/chps_local/hec/ressim/application/VER*
fullVersion = 3.1.8.40R
shortVersion = 3.1_RC4
versionDate = February 2012
Implementation-Version: February 14 2012
```